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This TV incorporates High-Definition Multimedia Interface (HDMI™) technology.
HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Federal Communications Commission Statement

This equipment has been tested and found to comply with the limits of a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/Relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit which is different from what the receiver is connected to.
4. Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user authority to operate the equipment.

Warnings and Precautions

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this equipment.
Before operating this equipment, please read this manual completely, and keep it nearby for future reference.

WARNING	This symbol is intended to alert the user to avoid the risk of electric shock. This equipment must not be disassembled by anyone except qualified service personnel.
CAUTION	This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

- TO REDUCE THE RISK OF ELECTRIC SHOCK,
- DO NOT REMOVE COVER (OR BACK).
- NO USER-SERVICEABLE PARTS INSIDE.
- REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Important Safety Instructions

	This symbol indicates caution points.
	This symbol indicates actions that should not be done.
	This symbol indicates actions that must be performed.

- Do not place the equipment on any uneven or unstable carts, stands, tables, shelves etc. The equipment may fall, causing serious injury to children or adults and serious damage to the equipment itself.

- Use only a cart or stand recommended by the manufacturer. This equipment and recommended cart or stand should be handled with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart/stand to overturn.

- Do not disable the 3-wire grounding type plug. The grounding pin on the 3-prong plug is an important feature. Removing the grounding pin will increase the risk of damaging the equipment.
- If you can not fit the plug into the electrical outlet, contact an electrician to install a grounding outlet.
- Always operate this equipment from the type of power source indicated on the rear of the serial/model plate.
- Never overload wall outlets and extensions.

- Use and handle the power cord with care. Do not place any heavy objects on the AC power cord.
- Do not pull the AC power cord. Do not handle the AC power cord with a wet hand.
- Do not touch the power cord and antenna cable during lightning.
- Remove the plug from the wall outlet, if the equipment will not be used for a long period of time.
- Do not place, use or handle this equipment near water.
- Never expose the equipment to liquid, rain, or moisture.
  Seek for service if any of the above is spilled into the equipment.
- Do not expose the equipment to extreme temperature or to direct sunlight, as the equipment may heat up and suffer damage.
- Do not install the equipment near any heat sources such as radiators, heat registers, stoves, or any other apparatus that might produce heat.
- Do not attempt to service the equipment yourself.
- Opening and removing the covers may expose you to dangerous voltage or other hazards and may void your warranty. Refer service to qualified personnel.
- Do not place or drop any other objects on top.
- Do not insert anything into the ventilation holes of your equipment.
  Inserting any metal or flammable objects may result to fire or electric shock.
- Protect the power cord from being walked on or pinchrd particularly at plugs ,convenience receptacles, and the point where they exit from the apparatus.
- Do not place the equipment on uneven or unstable carts, stands, tables, shelves etc. The equipment may fall, causing serious injury to children or adults and serious damage to the equipment itself.
  Always place the equipment on the floor or on a surface that is sturdy, level, stable and strong enough to support the weight of the equipment.
- Do not block any ventilating openings. Leave an open space around the equipment.
  Never place the equipment :
  on a bed, sofa, rug, or any other similar surfaces; too close to drapes/curtains/walls, in a bookcase, built-in cabinet, or any other similar places that may cause poor ventilation.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been admaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Always remove the power cord from the outlet before cleaning the equipment.
- Never use liquid or aerosol cleaners on the equipment.
  Clean only with a soft dry cloth.

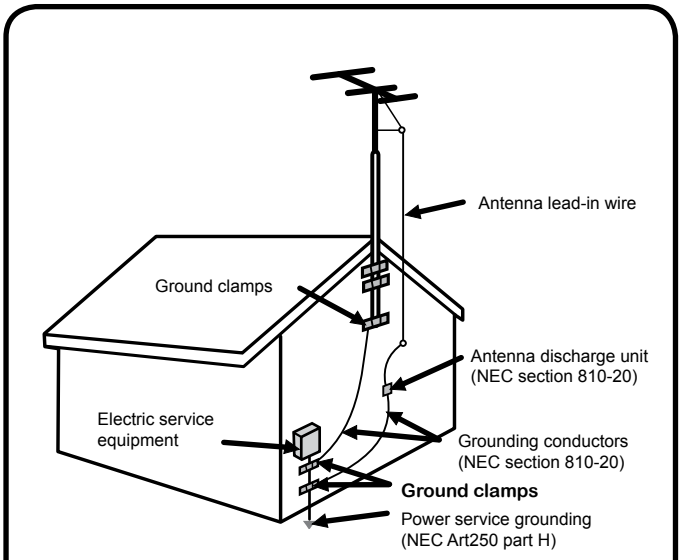
- Only use attachments/accessories specified by the manufacturer.

Antenna Safety Instructions

If an outdoor antenna is connected, follow the precautions below:

- An outdoor antenna should not be located in any area where it could come in contact with overhead power lines, or any other electric light or power circuits.
- When installing an outdoor antenna system, extreme caution should be taken to prevent contact with power lines. Direct contact with power lines may be fatal and should be avoided at all costs.

Section 810 of National Electrical Code (NEC) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



EXAMPLE OF OUTDOOR ANTENNA GROUNDING

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Chapter 1
Introducing the LCD TV

Key Features

Various Audio/Video terminals for external equipment connection

- 2 set of composite A/V input terminals
- 1 set of S-VIDEO terminals
- 2 set of component Video input terminals
- 1 VGA/ Audio input terminal
- 1 HDMI/Auido input terminal
- 1 sets of Audio(L/R) output terminals
- 2 SPDIF output terminal (Optical x 1 /Coaxial x 1)
- 1 Headphone terminal

The built-in TV tuner to receive HD ATSC

- This function allows the reception of HD broadcasting without the addition of a set top box.

High Definition Multimedia Interface (HDMI)

- High Definition Multimedia Interface (HDMI) is a small, user-friendly interconnect that can carry up to 5 Gbps of combined video and audio in a single cable. This system eliminates the cost, complexity and confusion of multiple cables used to connect current A/V systems.

HDTV Component Video Inputs

- Offers the best video quality for DVD(480p) and digital set-top-box (HD1080i, 720p) connections.

3D Digital Noise Reduction

- This function can digitally reduce image noise to provide better picture quality.

Film-Mode Detection (3:2 Reverse Pull Down)

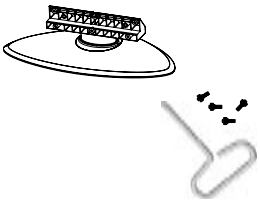
- This function can automatically detect content derived from film and adjust the interlacer's frame matching to provide a more natural-looking, clearer image of the moving picture.

Package Contents

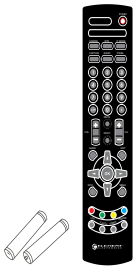
Make sure all of the following contents are included.

☑ LCD TV

☑ Bottom Stand /
Screw Driver and 4 Screws



☑ Remote Control/
AAA Batteries x 2



☑ Power Cord

☑ User's Manual ☑ Quick Start Guide ☑ Warranty Card

☑ Stand Assembly Guide ☑ Remote control Guide

These items are all you need to set up and operate the LCD TV in its basic configuration.

Note: the photos of the accessories are for reference only, the numbers of screws, the color of the remote control, the type of power cord are variable based on the actual models.

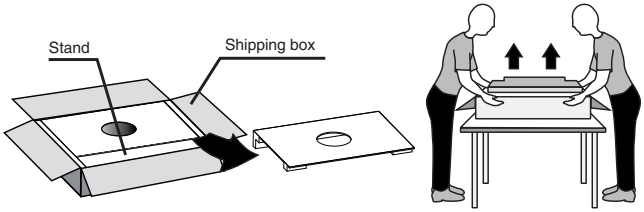
Make sure all of the above contents are included in the package. If you are missing any items, please contact the customer service department.

Setting Your LCD TV

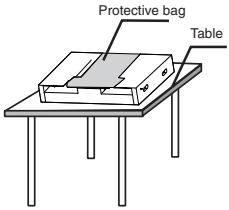
How to install the TV Stand

Follow the instructions below to install the TV stand:

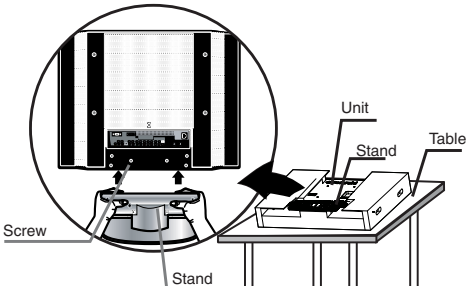
❶ Open the box, and make sure all necessary parts are in the box. The package contains the LCD TV, screw(s) and stand.



❷ Cover an even stable surface with a soft cloth. Place the LCD TV unit face-down on the cloth. Fit the stand onto the bottom of the LCD TV unit as shown:



❸ Secure the TV stand to the TV neck using the supplied screw(s).

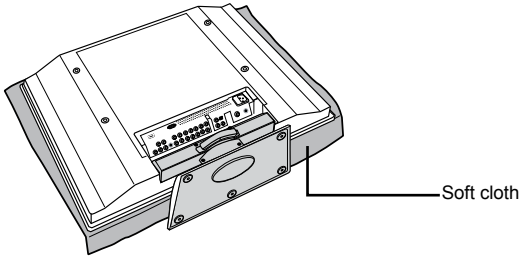


How to remove the TV Stand

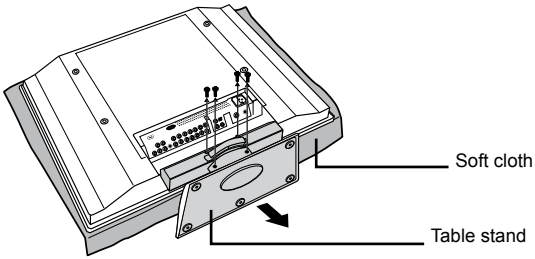
If you prefer to mount your new Element Electronics TV on a wall instead of attaching it to the stand, please reference the instructions included in the wall mounting kit (sold separately).

Verify your TV's model and be sure to use the wall mounting kit specified for your TV model only. Contract your technician for assistance when installing the wall mounting kit.

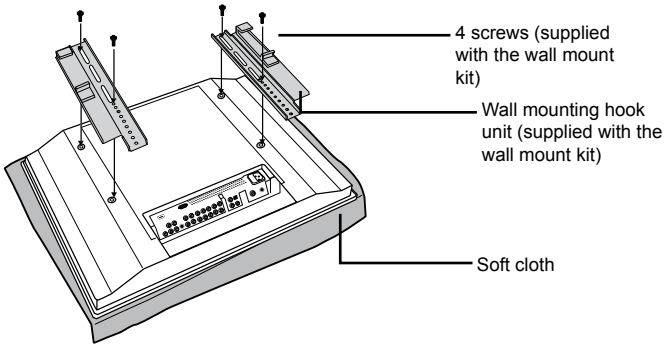
1. To prevent damaging the surface of the LCD TV, place the TV on a soft cloth.



2. Remove the screws of the table stand and detach the table stand from the TV.



3. Align the holes on the wall mounting hook units with the corresponding holes on the rear of the TV and fasten four screws.



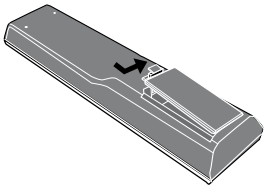
How to setup the TV

1. Use a supplied antenna cable to connect the VHF/UHF signal to the LCD TV's ANT. terminal (refer to page15-17).

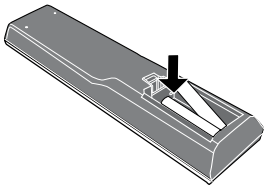
2. Connect the AC power cord at the back of the TV and connect the power cord to wall outlet.

3. Insert the 2 batteries supplied in remote control.

Step1 Slide the back cover up to open the battery compartment of the remote control.



Step2 Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment. Slide the cover back into place.



Do not use caustic cleaners (porcelain, stainless steel, toilet, or oven cleaner etc.) on the remote, as it may suffer damage.

4. Connect other an external AV device (refer to page19-27).

Your LCD TV

Front/Right Side View and Controls

LED
The LED light indicates when the LCD TV is activated.

IR
Infrared Receiver

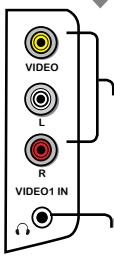
VOLUME+-
Adjusts the volume up and down. Selects the main-menu item and change values for items when in the OSD mode.

CHANNEL▲▼
Scans up and down through channels. Selects sub-menu item when in the OSD mode.

MENU
Press once to display the OSD (on screen display), press again to turn the OSD off.

INPUT
Chooses from different input signal sources.

⏻
Turns the LCD TV on and into standby mode.



VIDEO1 IN
Connects to the composite Video and Audio output jacks on external video equipment.

HEADPHONE
Connects to the external headphone for private listening.

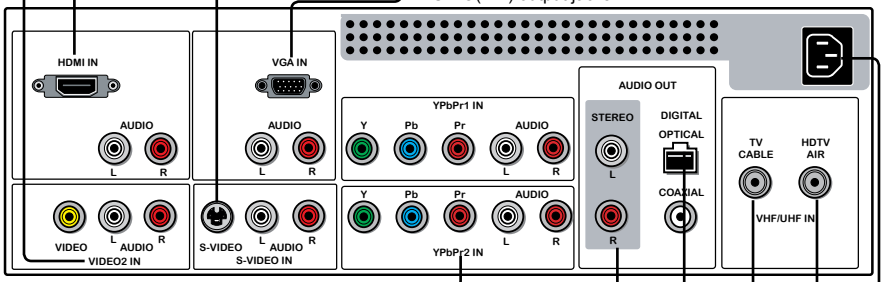
Rear View and Jacks

VIDEO2 IN
Connects to the composite VIDEO and AUDIO(L/R) output jacks on external video equipment.

HDMI IN
Connects the all digital AV equipment with HDMI connector.HDMI supports enhanced, high-definition video and two-channel digital audio. The AUDIO(L/R) of HDMI IN is for DVI connection.

S-VIDEO IN
Connects to the S-VIDEO and AUDIO(L/R) output jacks on external video equipment.

VGA IN
Connects the PC, or other AV equipment with VGA and AUDIO(L/R) output jacks.



YPbPr1 IN/YPbPr2 IN
Connects to the DVD player, Digital Set-Top-Box, or other AV equipment with component(YPbPr) video and audio output jacks.

AUDIO OUT-STEREO
Connects to the AUDIO(L/R) input jacks on AV equipment.

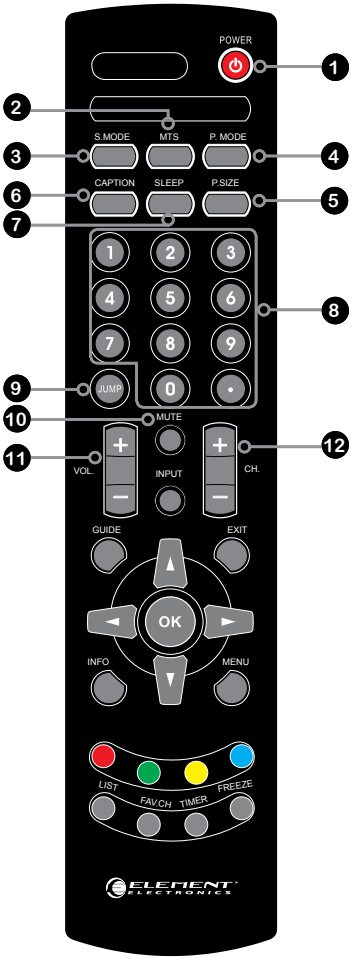
AUDIO OUT-DIGITAL-OPTICAL/COAXIAL
Connects to the OPTICAL AUDIO jack on the digital/standard5.1

VHF/UHF IN-TV-CABLE
Connects RF input from VHF/UHF antenna or cable.

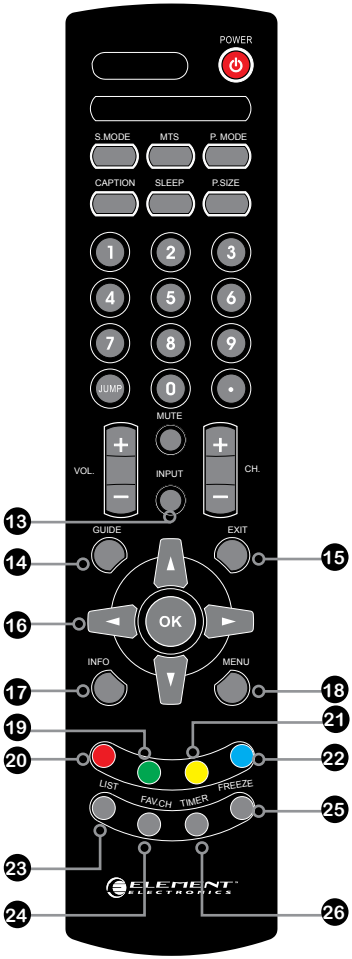
VHF/UHF IN-HDTV-AIR
Connects RF input from VHF/UHF antenna or cable to receive high/standard definition television.

AC IN
Connects to the AC power cord.

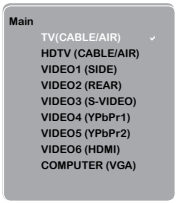
Your Remote Control



1	⏻	Turns the LCD TV on and off.
2	**MTS**	Cycles through the multi-channels TV sound(MTS) options: SAP/MONO/ STEREO
3	**S.MODE**	Selects sound effect options: Surround/ Live/Dance/Techno/Classic/Soft/Rock/ Pop/Off.
4	**P.MODE**	Selects picture mode: Vivid/Hi-Bright/ Cinema/Sport/User
5	**P.SIZE**	Cycles through Wide mode settings : NORMAL /FULL/WIDE/ZOOM
6	**CAPTION**	Cycles through the Closed Caption: ▪ Anlalog Closed Caption:CC1/CC2/ CC3/CC4/T1/T2/T3/T4/Off ▪ Digital Closed Caption:Service1/ Service2/Service3/Service4/Service5/ Service6/Off
7	**SLEEP**	Cycles through the LCD TV sleep timer: OFF/30/60/90/120 mins
8	**0-9**	Select and switch to a channel by using 0-9 buttons.
	•	In HDTV mode, use with 0-9 and • buttons to select a digital channels.
9	**JUMP**	Returns to previously selected channel.
10	**MUTE**	Mutes and restores the audio
11	**VOL.+-**	Increases and decreases volume.
12	**CH.+-**	Scans up and down the channels



13 INPUT Pressing **INPUT** displays the source list, use ▲▼ to select the video equipment connected to the video inputs of your LCD TV : TV/HDTV/VIDEO1/VIDEO2/ VIDEO3/VIDEO4/VIDEO5/VIDEO6/ COMPUTER



14 GUIDE Displays the Program Guide on the screen. Pressing again to turn GUIDE off.

15 EXIT Exits the OSD menu.

16 ▲▼►◄ OK Cycles through OSD options and selects individual menu items. **OK** confirms option settings.

17 INFO Pressing repeatedly displays a variety of information such as the current channel and the input source.

18 MENU Displays the OSD menu on the screen.

19 GREEN No function.

20 RED No function.

21 YELLOW No function.

22 BLUE No function.

23 LIST Displays the received channel list

24 FAV.CH Pressing **FAV.CH** display favorite channels.

25 FREEZE In TV mode, pressing **FREEZE** to freeze the current picture, press again to restore the picture.

26 TIMER Displays the current time on the screen.

Effective range:
The remote can control the LCD TV from up to 5m away, if pointed directly at the receiver.

Chapter 2
Installing the LCD TV

Refer to the owner's manual of any external equipment to be connected.
When connecting any external equipment, do not connect any AC power cords to wall outlets until all other connections are completed.

Connecting a TV Cable or an Antenna

Antenna Connection

The antenna requirements for good color TV reception are more important than those for a black & white TV reception. For this reason, a good quality outdoor antenna is strongly recommended.
The following is a brief explanation of the type of connection that is provided with the various antenna systems.

- **A 75-ohm system is generally a round cable (not included) with F-type connector that can easily be attached to a terminal without tools.**

F-type connector

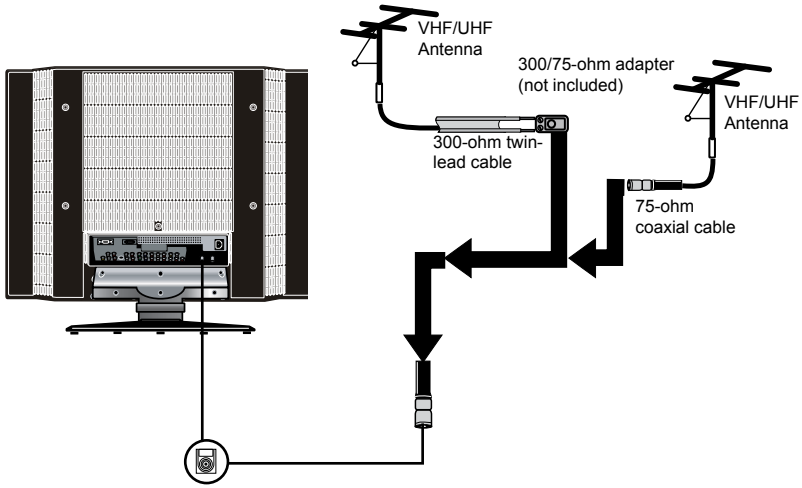
75-ohm coaxial cable (round)

- **A 300-ohm system is a flat twin-lead cable (not included) that can be attached to a 75-ohm terminal through a 300-75-ohm adapter (not included).**

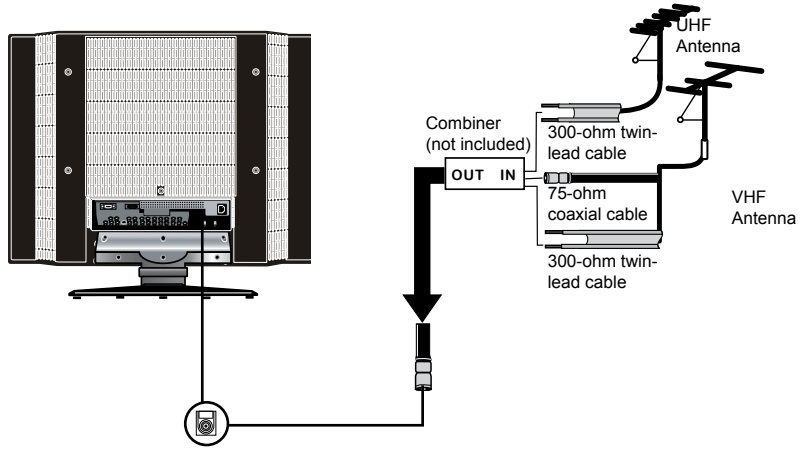
300-ohm twin-lead cable (flat)

Use one of the following two diagrams when connecting an outdoor antenna.
A: Shows how to use a VHF/UHF combination outdoor antenna.
B: Shows how to use a separate VHF and/or UHF outdoor antenna.

A. Combination VHF/UHF antenna



B. Separate VHF and/or UHF antennas

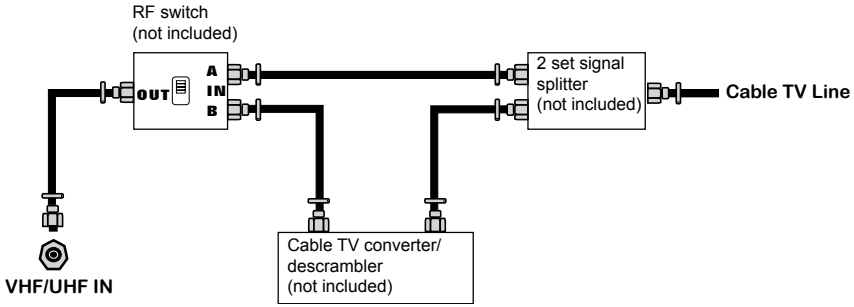


Cable TV (CATV) Connection

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electrical Code (NEC) that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building accurately, or as close to the point of cable entry as possible. Use of this TV for other than private viewing of programs broadcasted on UHF, VHF or transmitted by cable companies for the use of the general public may require authorization from the broadcast/cable company, and/or program owner.

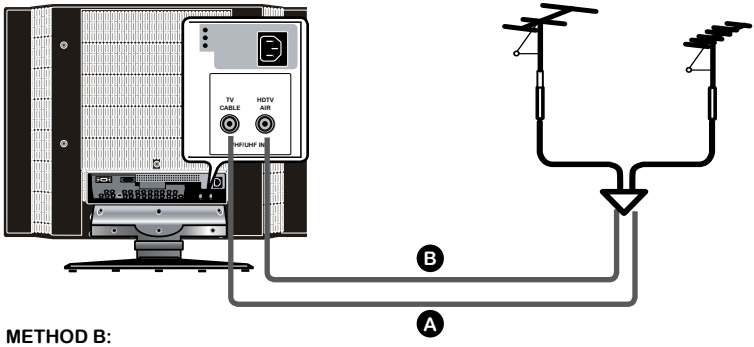
- **A 75-ohm coaxial cable connector is built into the set for easy hookup. When connecting the 75-ohm coaxial cable to the set, connect the 75-ohm cable into the ANT. terminal.**
- **Some cable TV companies offer premium pay channels. Since the signals of these premium pay channels are scrambled, a cable TV converter/descrambler is generally provided to the subscriber by the cable TV company.**

This converter/descrambler is necessary for normal viewing of scrambled channels.
(Set your TV to channel 3 or 4, typically one of these channels is used. If this is unknown, consult your cable TV company.)
For more specific instructions on installing cable TV, consult your cable TV company.
One possible method of connecting the coverter/descrambler provided by your cable TV company is shown in the diagram below.



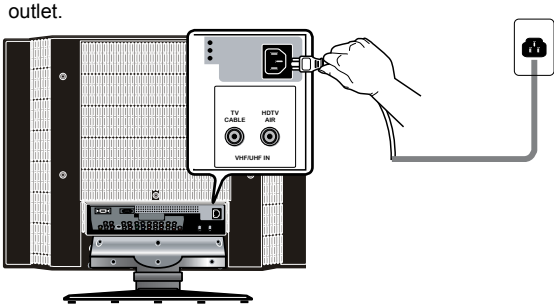
- **The RF switch (not included) is required to provide two inputs (A and B). Setting the RF switch to position A allows viewing of all unscrambled channels by using the TV channel keys.**
- **Setting the RF switch to position B allows viewing of all scrambled channels via the converter/descrambler by using the converter channel keys.**

METHOD A:
Use a supplied antenna cable to connect the NTSC signal to the LCD TV's TV CABLE terminal.



METHOD B:
Use a supplied antenna cable to connect the ATSC signal to the LCD TV's HDTV AIR terminal.

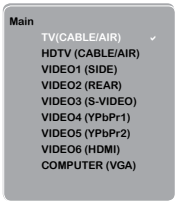
Connect the AC power cord at the back of the TV and connect the power cord to wall outlet.



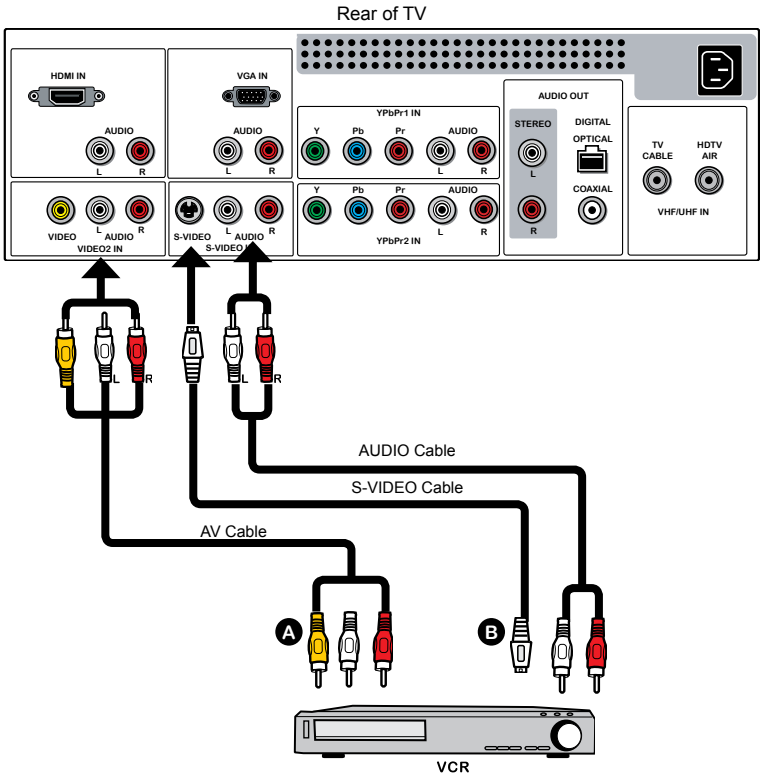
Press the ⏻ button on the remote to turn on the LCD TV.

Always disconnect the LCD TV from the main voltage when the LCD TV will not be used for a long period of time. The POWER button on the front panel is only used for switching the LCD TV into standby, it does not disconnect the device from the main voltage. To completely disconnect the main voltage, please remove the power plug from the socket.

Press the **Input** button on the remote to display the Input List. Use the ▲► buttons to select **TV**(METHOD A), or **HDTV** (METHOD B), and press the **OK** button.



Connecting a VCR



1. **METHOD A:**

   Use a composite cable to connect the VCR's composite video/audio jacks to the LCD TV's VIDEO2 IN jacks.

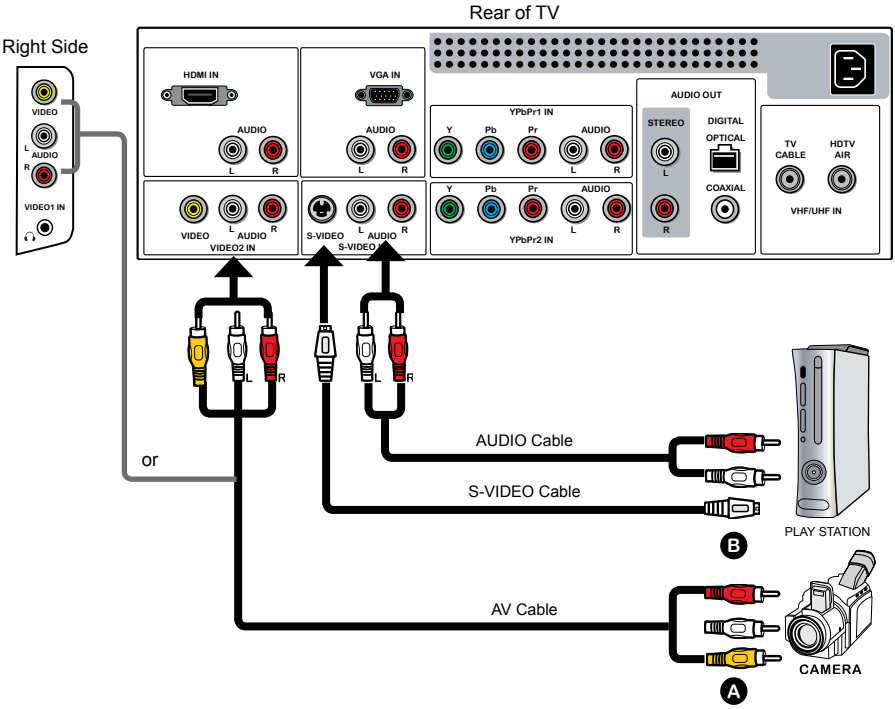
   METHOD B:
   Use an audio cable to connect the VCR's audio output jacks to the LCD TV's audio inputs. Use a S-Video cable to connect the VCR's s-video output jack to the LCD TV's S-VIDEO IN input jack.

2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the ⏻ button on the remote to turn on the LCD TV.

4. To watch a videotape, press the **Input** button on the remote to select **VIDEO2**(METHOD A), or **VIDEO3** (METHOD B).

Connecting a Video Camera or Play Station



METHOD A:

Use a composite cable to connect the video camera's or play station's composite video/ audio jacks to the LCD TV's VIDEO2 IN jacks or VIDEO1 IN jacks.

METHOD B:

Use an audio cable to connect the video camera's or play station's audio output jacks to the LCD TV's audio inputs. Use a S-Video cable to connect the video camera's or play station's s-video output jack to the LCD TV's S-VIDEO IN input jack.

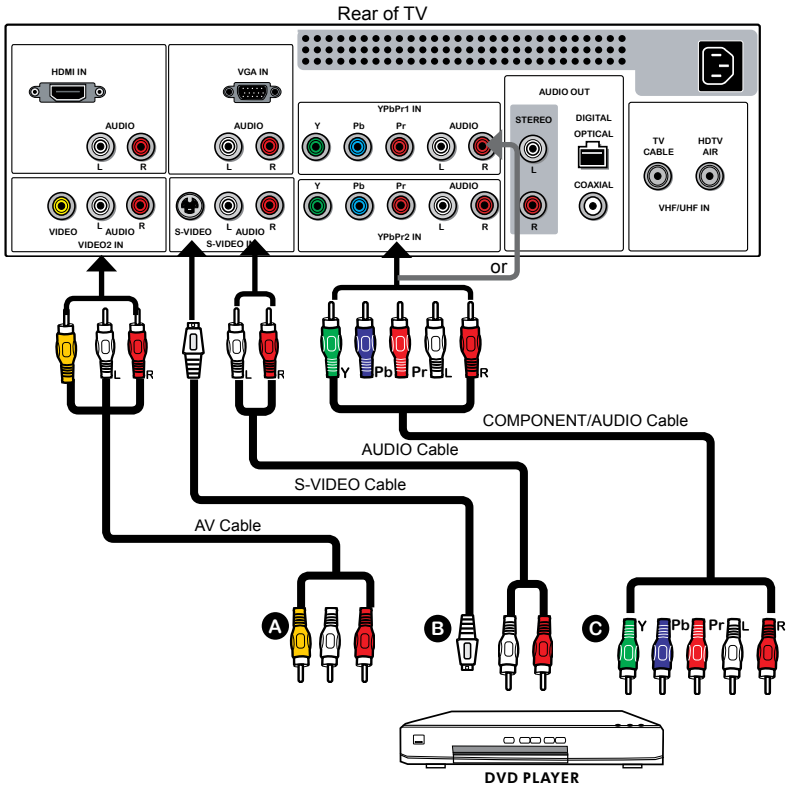
2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the ⏻ button on the remote to turn on the LCD TV.

4. To watch a video vis camera or play station, press the **Input** button on the remote to select **VIDEO2/VIDEO1**(METHOD A), or **VIDEO3** (METHOD B).

Not all cameras have the ability to connect to a TV. Please check your video camera user guide for compatibility.

Connecting a DVD Player



❶

METHOD A:
Use a composite cable to connect the DVD player's composite video/audio jacks to the LCD TV's VIDEO2 IN jacks.

METHOD B:

Use an audio cable to connect the DVD player's audio output jacks to the LCD TV's audio inputs. Use a S-Video cable to connect the DVD player's s-video output jack to the LCD TV's S-VIDEO IN input jack.

METHOD C:
Use a component cable to connect the DVD player's component output jacks to the LCD TV's YPbPr1 IN or YPbPr2 IN input jacks.
Use an audio cable to connect the DVD player's component audio jacks to the LCD TV's audio input jacks.

The component video jacks on your DVD player are sometimes labeled YPbPr, or YCbCr. For an explanation of component video, see your DVD player's user guide.

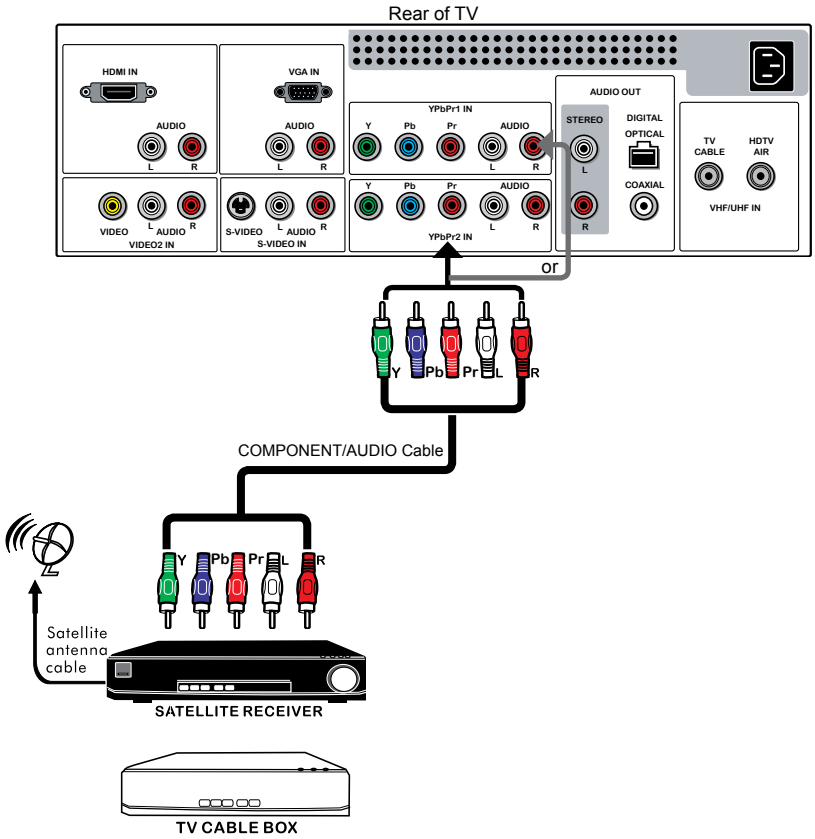
2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the ⏻ button on the remote to turn on the LCD TV.

4. To watch a DVD, press the **Input** button on the remote to select **VIDEO2**(METHOD A), or **VIDEO3** (METHOD B), or **VIDEO4/VIDEO5** (METHOD C).

For best picture quality, if your equipment has component video output, use a component cable instead of a composite video or S-video cable.

Connecting a Digital TV Cable Box or Digital Satellite Receiver



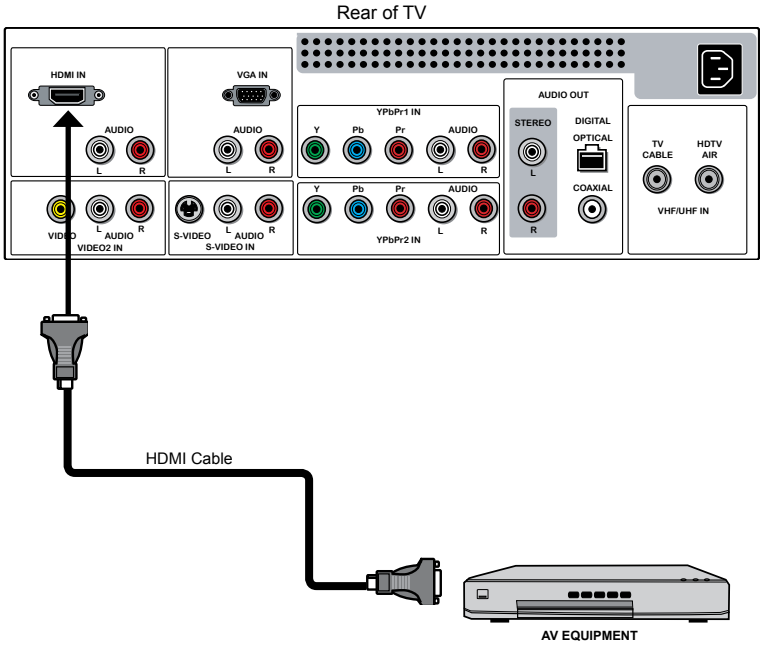
1. Use a component cable to connect the satellite receiver's/TV Cable Box's component (YPbPr1) output jacks to the LCD TV's component input jacks.
   Use an audio cable to connect the satellite receiver's/TV Cable Box's component audio jacks to the LCD TV's audio input jacks.

2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the ⏻ button on the remote to turn on the LCD TV.

4. To watch programs via satellite receiver or TV Cable Box, press the **Input** button on the remote to select **VIDEO4/VIDEO5**.

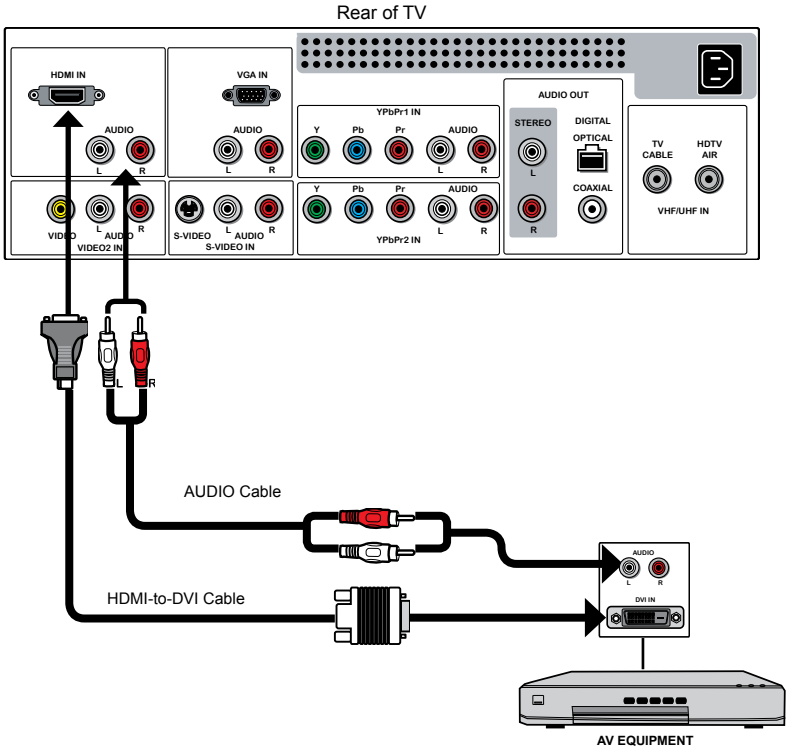
Connecting an AV Equipment with HDMI Connector



1. Use a HDMI cable to connect the AV equipment's HDMI output jack to the LCD TV's HDMI IN jacks.
2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.
3. Press the ⏻ button on the remote to turn on the LCD TV.
4. Press the **Input** button on the remote to select **VIDEO6**.

The HDMI connector provides both video and audio signals, it's not necessary to connect the audio cable.

Connecting an AV Equipment with DVI Connector



1. Use a HDMI-to-DVI cable to connect the AV equipment's DVI output jack to the LCD TV's HDMI IN jacks.
   Use an audio cable to connect the AV equipment's audio output jacks to LCD TV's HDMI AUDIO jacks.

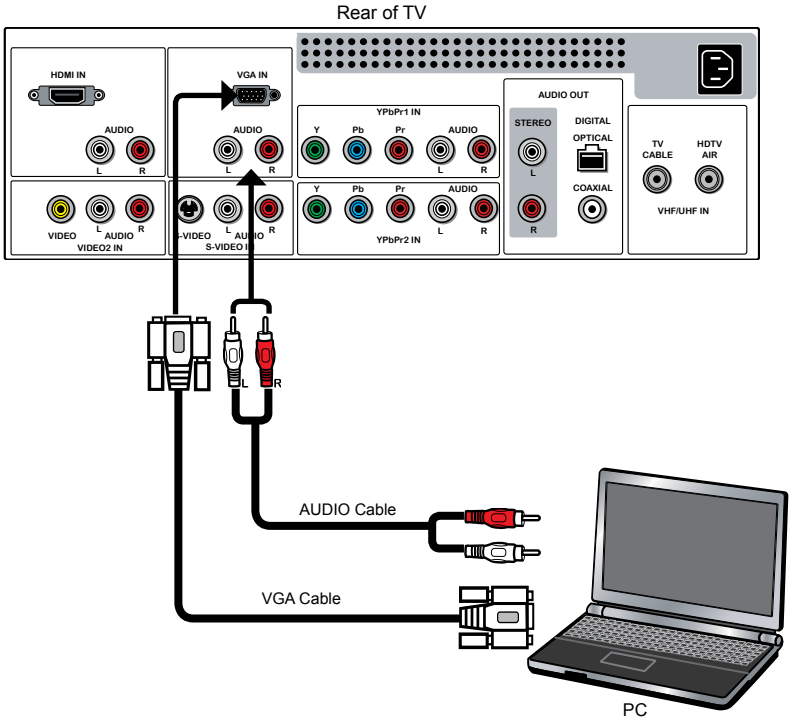
2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the ⏻ button on the remote to turn on the LCD TV.

4. Press the **Input** button on the remote to select **VIDEO6**.

If the LCD TV is connected to AV equipment's DVI connector, you will need an HDMI-to-DVI cable or an HDMI adapter(not suplied).

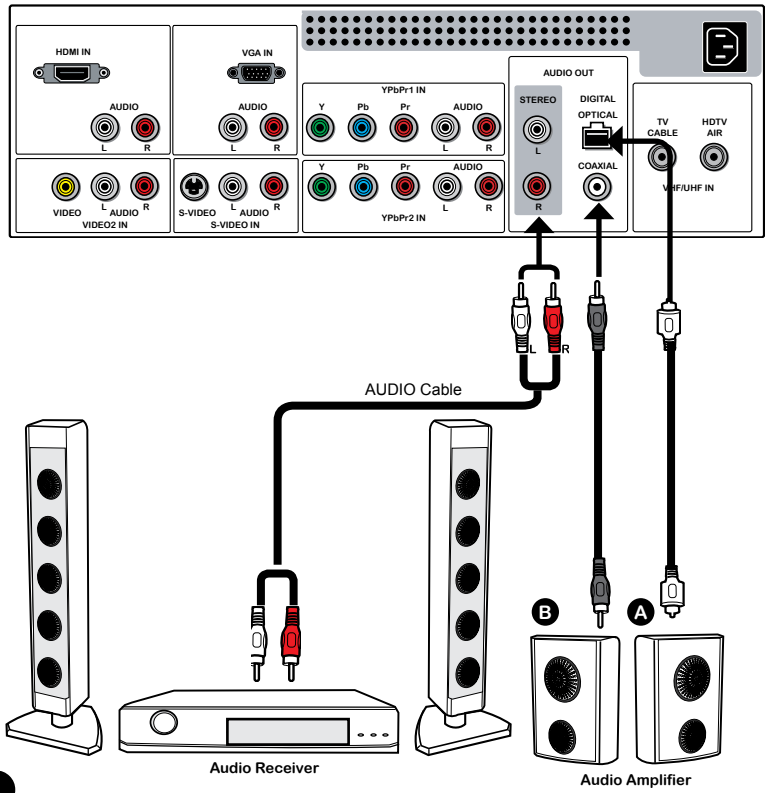
Connecting a PC



1. Use a D-SUB cable to connect the PC's D-SUB output jack to the LCD TV's VGA input jack. Use an audio cable to connect the PC's audio output jacks to LCD TV's.
2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.
3. Press the ⏻ button on the remote to turn on the LCD TV.
4. Press the **Input** button on the remote to select **COMPUTER**.

Connecting an Audio Receiver or a Dolby Digital 5.1 Sound System

For better sound quality, you may want to play the LCD TV audio through your stereo system.



❶ **Connecting to Audio Receiver:**
Use an audio cable to connect the audio receiver's audio LINE IN jacks to LCD TV's AUDIO OUT jacks.

❷ **Connecting to Digital 5.1 Sound System:**
METHOD A:
Use an optical cable to connect the audio amplifier's OPTICAL IN jacks to LCD TV's OPTICAL OUT jacks.

METHOD B:
Use a coaxial cable to connect the audio amplifier's COAXIAL IN jacks to LCD TV's COAXIAL OUT jacks.
Note: Above mentioned function is only available under HDTV (cable/air) mode.

❸ Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

❹ Press the ⏻ button on the remote to turn on the LCD TV.

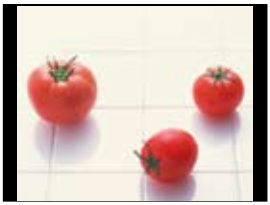
Chapter 3
USING THE FEATURES

Wide Screen Viewing

Wide Screen function allows viewing of 4:3/16:9 images in wide screen mode, cycling through the following wide screen settings. Press the **P.SIZE** button repeatedly to select the screen format you want.

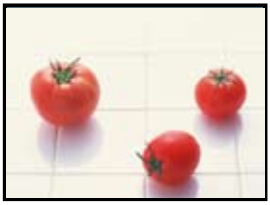
❶ **NORMAL**

Displays at 4:3 aspect ratio.



❷ **FULL**

Stretches the image vertically and horizontally to keeps the image size consistent in the center of the screen and stretches the sides

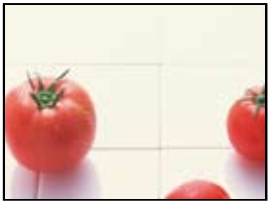


❸ **WIDE**

Stretches the image vertically and horizontally to fill the screen at 1:1.85 aspect ratio.

❹ **ZOOM**

Stretches the image vertically and horizontally to fill the screen at 1:2.35 aspect ratio.



Operating the Menu

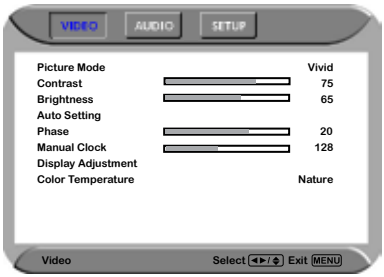
1. Press the ⏻ button to turn the LCD TV on.

2. Press the **MENU** button on the remote control,the on-screen menu will appear on the screen. Use the ◄► buttons to select your main menu option.

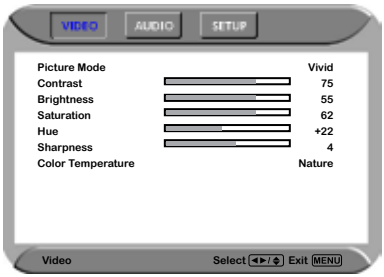
VIDEO MENU:

Allows you to make adjustments to your picture settings.

- If the signal source is VGA, the VIDEO MENU appears as:



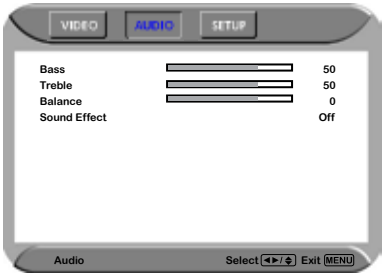
- If the signal source is TV/HDTV/VIDOE/SVIDEO/ YPbPr/HDMI, the VIDEO MENU appears as:



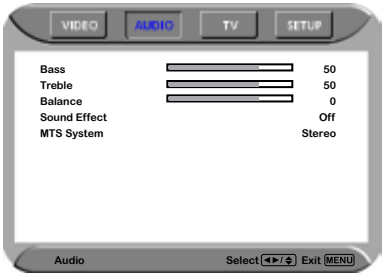
AUDIO MENU:

Allows you to customize the audio options and effects.

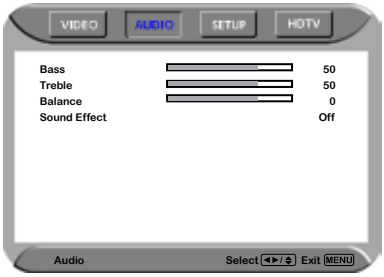
- If the signal source is VIDOE/SVIDEO/YPbPr/ HDMI/VGA, the AUDIO MENU appears as:



- If the signal source is TV, the AUDIO MENU appears as:

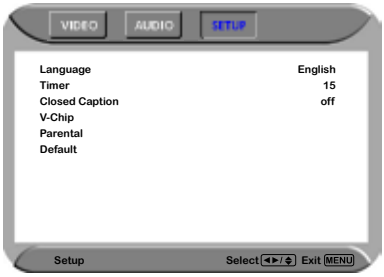


- If the signal source is HDTV, the AUDIO MENU appears as:



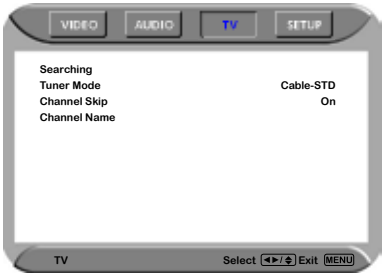
SETUP MENU:

Allows you to set up a variety of features: Language, Closed Caption, factory reset, V-Chip, Parental Control sleep timer.



TV MENU:

Allows you to edit and label channels.



HDTV MENU:

Allows you to set up the HDTV program function.

❸ Use the ▲▼ buttons to select an option of the sub-menu, and press the **OK** button. While in adjustment mode, and use the ◄► buttons to change the value of the item.

❹ Press the **MENU** button to exit the menu.

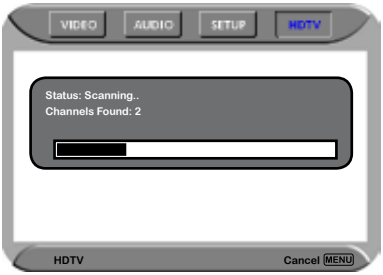
Setting up the HDTV Function

Automatically scans and stores all the TV channels

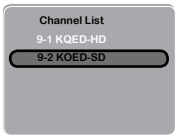
1. With the LCD TV connected to a television programming source, press the **TV** button on the remote control.

2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **HDTV**.

3. Press the ▼ button to select **Auto Scan**, and press the **OK** button. The **Auto Scan** automatically creates a list of receivable channels. Press the **MENU** button at any time to interrupt the memorization process.(the list cannot be created if interrupted)



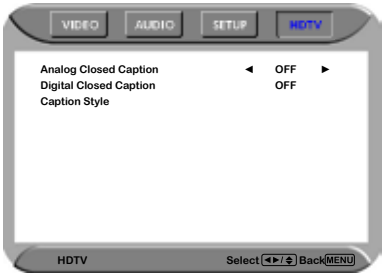
4. Press the **OK** button to display the received channel list, then press ▲▼the buttons to select a channel. Or, use the ▪ (**Input** button) with **0-9** buttons to select digital channel(for example 9.1)



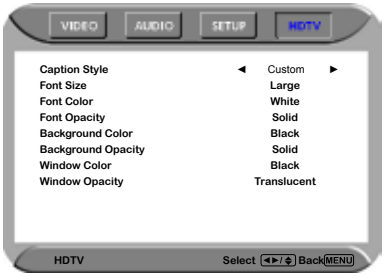
The digital main channel might include many subchannels (for example 9-1, 9-2..) that are showing program at the same time.

5 The **HDTV** menu includes the following options:

Audio Language	Allows to select the audio language: English/Spanish/French.
Time Zone	Allows selection of regional TV systems of USA: Eastern Time/Indiana/ Central time/Mountain Time/Arizona/Pacific Time/Alaska/Hawaii
SPDIF Type	Allows to selection of the digital sound format: PCM/OFF/Dolby Digital
Auto Scan	Automatically sets up channel list on TV for all receivable channels.
Manual Scan	Allows to set up TV channel manually.
Channel Skip	Allows addition/removal of digital channels.
Channel Block	Allows to block digital channels. Use the **Channel Block** function, must enter a four-digit password. The factory password is 0000.
Caption	Allows to set closed caption:



- **Analog Closed Caption**:
  Allows to set basic analog closed caption options:OFF/CC1/CC2/CC3/CC4
- **Digital Closed Caption:**
  Allows to set digital closed caption options:Service1/Service2/Service3/ Service4/Service5/Service6/OFF
- **Caption Style:**
  Allows to customize the settings for digital closed caption option:

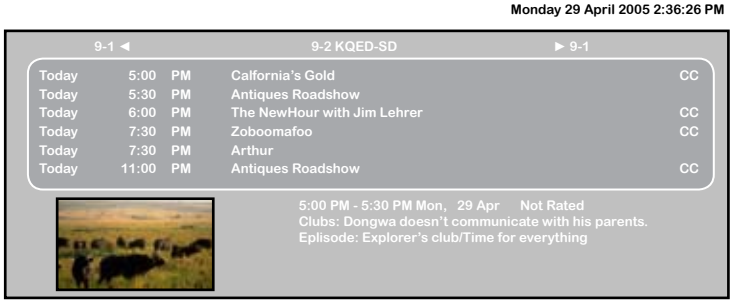


Using the Program Guide

The Program Guide feature brings all sorts of information provided by the cable TV company to your screen, such as program title, program duration, time remaining, rating information, closed caption, availability, etc.

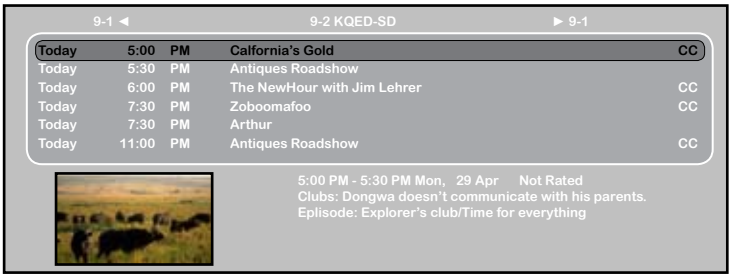
❶ With the LCD TV connected to a television programming source, press the **TV** button on the remote control.

❷ Press the **GUIDE** button on the remote control, the Program Guide will appear on the screen:


Monday 29 April 2005 2:36:26 PM
9-1 ◄
9-2 KQED-SD
► 9-1
Today 5:00 PM Calfornia's Gold CC
Today 5:30 PM Antiques Roadshow
Today 6:00 PM The NewHour with Jim Lehrer CC
Today 7:30 PM Zoboomafoo CC
Today 7:30 PM Arthur
Today 11:00 PM Antiques Roadshow CC
5:00 PM - 5:30 PM Mon, 29 Apr Not Rated
Clubs: Dongwa doesn't communicate with his parents.
Eplisode: Explorer's club/Time for everything

9 - 2 KOED-SD

❸ Press the ▲▼ button to select the program from a list, the Program Guide provides introduction about the current program being shown on each channel.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5:00 PM - 5:30 PM Mon, 29 Apr Not Rated
Clubs: Dongwa doesn't communicate with his parents.
Eplisode: Explorer's club/Time for everything

9 - 2 KOED-SD

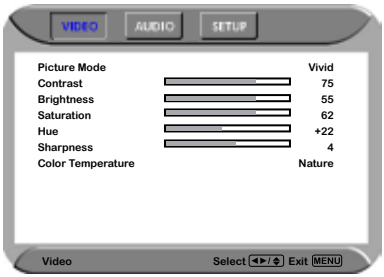
❹ Press the **GUIDE** button again on the remote control to exit the Program Guide

Customizing the VIDEO Settings

1. Press the ⏻ button to turn the LCD TV on.

2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **VIDEO**.

3. Use the ▲▼buttons to highlight an individual VIDEO option, use the ◄► buttons to change the setting, and press the **MENU** to exit the menu



4. The **VIDEO** menu includes the following options:

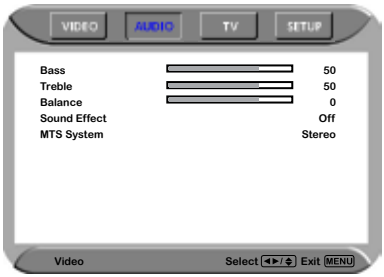
Picture Mode	Cycles among display types: Vivid/Hi-Bright/Cinema/Sport/User
Contrast	Controls the difference between the brightest and darkest regions of the picture.
Brightness	Controls the overall brightness of the picture.
Saturation	Controls the color intensity.
Hue	Controls the difference between the green and red regions of the picture.
Sharpness	Increase this setting to see crisp edges in the picture; decrease it for soft edges.
Color temperature	Adjusts color components independently to achieve a warm or cool effect: Cool/Middle/Warm/User ▪ **Warm:** Increases red tint ▪ **Nature:** Increases natural tint ▪ **Cool:** Increases blue tint ▪ **User:** Allows the user to adjust red, green and blue color component levels independently.

Customizing the AUDIO Settings

1. Press the ⏻ button to turn the LCD TV on.

2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **AUDIO**.

3. Use the ▲▼buttons to highlight an individual AUDIO option, use the ◄► buttons to change the setting, and press the **MENU to** exit the menu



4. The **AUDIO** menu includes the following options:

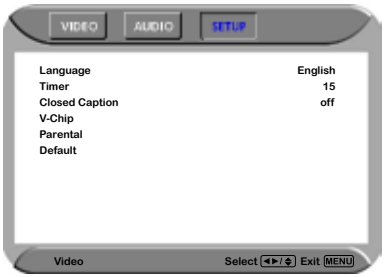
Bass	Controls the relative intensity of lower-pitched sounds.
Treble	Controls the relative intensity of higher pitched sounds.
Balance	Adjusts the relative volume of the speakers in a multiple speaker system.
Sound Effect	Allows selection of an audio-enhancement technique from among the following options: Surround/Live/Dance/Techno/Classic/Soft/Rock/POP/ Off.
MTS System	Allows you to listen to high-fidelity stereo sound while watching TV. ▪ **Stereo**: Use separate audio tracks for left and right speakers, if available. ▪ **SAP**: You can enjoy a second audio program from the speakers while watching a scene in the original program. ▪ **Mono**: Allows mono output (useful when stereo is noisy or inconsistent).

Customizing the SETUP Settings

1. Press the ⏻ button to turn the LCD TV on.

2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **SETUP**.

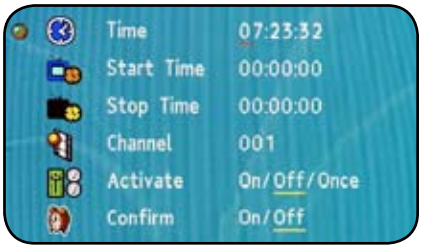
3. Use the ▲▼buttons to highlight an individual SETUP option, use the ◄► buttons to change the setting, and press the **MENU to** exit the menu.



4. The **SETUP** menu includes the following options:

Language — Selects to display all on-screen menus in your language of choice: English/French/Spanish.

Timer — Allows to set up clock and to program the TV to turn on and off and tune to a specific channel.



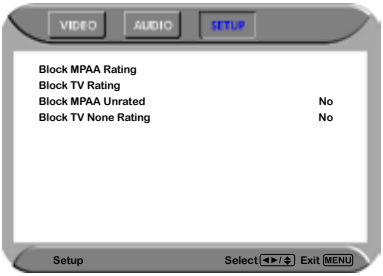
- **Time:**
  Selects to set the current time by hour, minute, second.
- **Start Time:**
  Selects to set the time that you want the TV to turn on.
- **Stop Time:**
  Selects to set the time that you want the TV to turn off.
- **Channel:**
  Selects to set the specific channel that you want the TV to tune.
- **Activate:**
  Selects to turn on/off/once the timer.
- **Confirm:**
  Selects to confirm.

Closed Caption	Allows to select from 4 closed caption modes: ▪ **CC1 /CC2 /CC3 /CC4:** Display a printed version of the dialog and sound effects of the program being viewed. ▪ **T1/T2:** Display station information presented using either half or the whole screen. ▪ **T3/T4:** Extended Data Services. For example: Network name, program name, program length, etc.
V-Chip	Allows to setup the TV and MPAA Rating Lock options (refer to “Using the V-CHIP Setting”).
Parental	Allows to setup the Parental Lock options.
Default	Restores factory settings.

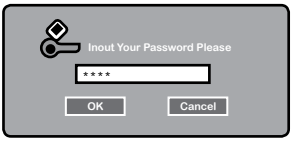
Using the V-CHIP Settings

The US has 2 rating system for viewing content: Movie blocking(MPAA) and TV Blocking.
The TV Blocking conjuncts with the V-CHIP to help parents block inappropriate programs from their children.
The Movie blocking(MPAA) is used for original movies rated by the Motion Picture Association of America(MPAA) as broadcasted on cable TV and not edited for television.
The V-CHIP can also be set to block MPAA-rated movies.

❶ Use the ▼ button to select the **V-Chip**, and press the **OK** to display the V-Chip menu.



❷ Use the **V-CHIP** function, must enter a four-digit password. The factory password is 0000.



❸ The **MPAA** includes the following options:

RATING	DESCRIPTION
G	General Audiences. Movie is appropriate for all ages.
PG	Parental Guidance Suggested. May contain material not suited for younger viewers
PG-13	Contains content that may not be appropriate for viewers under the age of 13.
R	Restricted. Contains adult content, no one under 17 admitted without parent.
NC-17	No one 17 and under admitted.
X	No one 17 and under admitted.

Use the ▲▼ buttons to select the rating you want and press the **OK** button repeatedly to select **BLOCK(✓)** or **UNBLOCK(✕)**.

4

The **TV GUIDELINE** has 2 rating methods: Content-Based Rating and Age-Based Rating.
The **TV GUIDELINE** includes the following options:

AGE-BASED	
RATING	**DESCRIPTION**
TV-Y	All children
TV-Y7	Directed to children age 7 and older
TV-G	General Audience
TV-PG	Parental Guidance suggested
TV-14	Parents strongly cautioned
TV-MA	Mature Audience only

CONTENT-BASED	
RATING	**DESCRIPTION**
FV	Fantasy violence
D	Suggestive dialogue
L	Strong language
S	Sexual situations
V	Violence

		CONTENT-BASED				
		FV	**D**	**L**	**S**	**V**
AGE-BASED	**TV-Y**					
	TV-Y7	✔				
	TV-G					
	TV-PG		✔	✔	✔	✔
	TV-14		✔	✔	✔	✔
	TV-MA			✔	✔	✔

✔ : To block programs by both content and age.

Use the ▲▼ buttons to select the rating you want and press the **OK** button repeatedly to select **BLOCK(✔)** or **UNBLOCK(✕)**.

5

The **V-CHIP** menu includes the following options:

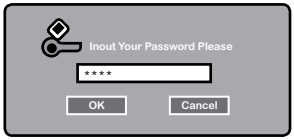
Block MPAA Rating	Selects to activate the MPAA Rating programs
Block TV Rating	Selects to activate the TV Rating programs.
Block MPAA Unrated	▪ YES: Block all movies that are broadcast without a MPAA rating. ▪ NO: Allows all movies that are broadcast without a MPAA rating
Block TV None Rating	▪ YES: Block all movies that are broadcast without a TV rating. ▪ NO: Allows all movies that are broadcast without a TV rating.

Using the Parental Settings

The Parental blocking can be set up to the TV to block a Channel or a Video Source.

❶ Use the ▼ button to select the **Parental**, and press the **OK** to display the Parental menu.

❷ Use the **V-CHIP** function, must enter a four-digit password. The factory password is 0000.



You need your password for any future access into the V-Chip and Parental Setting,

❸ The **Parental** menu includes the following options:

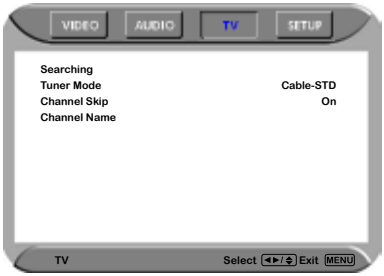
Channel Lock	Selects to block a TV channel.
Video Lock	Selects to block a Input source signal.
Change Password	Selects to change your password.

Customizing the TV Settings

1. Press the ⏻ button to turn the LCD TV on.

2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **TV**.

3. Use the ▲▼buttons to highlight an individual TV option, use the ◄► buttons changes the setting, and press the **MENU** exits the menu.



4. The **TV** menu includes the following options:

Searching	Automatically sets up channel list on TV for all receivable channels.
Tuner Mode	Allows selection between CATV cable and antenna signal sources: ▪ **ANTENNA** Choose this setting if you are receiving TV channels with an antenna cable. ▪ **CABLE STD/CABLE IRC/CABLE HRC** Choose this setting if you are receiving TV channels with a CATV cable.
Channel Skip	Allows addition/removal of channels on the channel list.
Channel Name	Allows channel labels to be edited.

SPECIFICATIONS

LCD Panel	Panel Size	37” TFT LCD
	Brightness	500
	Contrast Ratio	1000:1
Max. Resolution		1366x768
Input Connector	VIDEO/AUDIO(L/R)	2
	S-VIDEO/AUDIO(L/R)	1
	YPbPr/AUDIO(L/R)	2
	VGA/AUDIO(L/R)	1
	HDMI/AUDIO(L/R)	1
	AUDIO OUT(L/R)	1
	OPTICAL/COAXIAL	1
	HEADPHONE	1
Power Source		100-240V~, 50/60HZ,3A
Power Consumption		275 W, standby < 3 W
Dimension		36.6 w x 28.6 h x 10.6 d inch
WEIGHT		40 LB